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<b>CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)</b> Applicant(s): MONSKI, et al.			Docket No. MR/02-003
Serial No. 10/723,428	Filing Date 11/27/2003	Examiner FETZNER, Tiffany A.	Group Art Unit 2859
Invention: PARALLEL IMAGING COMPATIBLE BIRDCAGE RESONATOR			
			
<p>I hereby certify that this <u>Info Disc Stmt; Trans of IDS (Dup); Forms 1449A&amp;B; RRPC</u> (Identify type of correspondence)</p> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231</p> <p>on <u>8/17/2005</u> (Date)</p> <p style="text-align: right;"><u>Page A. Cedarholm</u> (Typed or Printed Name of Person Mailing Correspondence)</p> <p style="text-align: right;"> (Signature of Person Mailing Correspondence)</p> <p style="text-align: right;"><u>EV 724425264 US</u> ( "Express Mail" Mailing Label Number)</p>			
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**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
**(Under 37 CFR 1.97(b) or 1.97(c))**

Docket No.  
**MR/02-003**

In Re Application Of: **MONSKI, et al.**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/723,428	11/27/2003	FETZNER, Tiffany A.	21140	2859	6255

Title: **PARALLEL IMAGING COMPATIBLE BIRDCAGE RESONATOR**



Address to:  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

**37 CFR 1.97(b)**

1. ☐ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2. ☒ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

**OR**

☒ the fee set forth in 37 CFR 1.17(p).

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
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10/723,428	11/27/2003	FETZNER, Tiffany A.	21140	2859	6255

Title: **PARALLEL IMAGING COMPATIBLE BIRDCAGE RESONATOR**

**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

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- ☒ The Director is hereby authorized to charge and credit Deposit Account No. **13-2530** as described below.
- ☒ Charge the amount of **\$180.00**
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- ☒ Charge any additional fee required.
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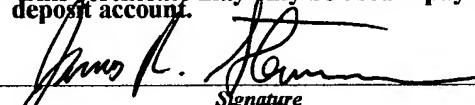
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on \_\_\_\_\_

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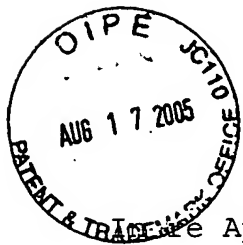
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Signature

Dated: **August 17, 2005**

**James R. Stevenson, Esquire**  
**MEDRAD, INC.**  
**One Medrad Drive**  
**Indianola, PA 15051**

CC:



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: ) Group Art Unit: 2859  
)  
MONSKI et al. ) Confirmation No.: 6255  
)  
Serial No. 10/723,428 ) Examiner: Fetzner, Tiffany A.  
)  
Filed: 27 November 2003 ) Docket No.: MR/02-003  
)  
Title: PARALLEL IMAGING COMPATIBLE )  
BIRDCAGE RESONATOR ) Date: 17 August 2005

COMMISSIONER FOR PATENTS

P.O. Box 1450

ALEXANDRIA, VA 22313-1450

08/19/2005 BABRAHA1 00000033 132530 10723428

01 FC:1806 180.00 DA

INFORMATION DISCLOSURE STATEMENT

Dear Sir/Madam:

Applicants submit this *Information Disclosure Statement (IDS)* to comply with the duty of disclosure as codified in 37 C.F.R. §1.56. This *IDS* contains, and/or is accompanied by, the information required by 37 C.F.R. §1.98. Submitted after the mailing of a first Office Action on the merits, this *IDS* is filed in accordance with 37 C.F.R. 1.97(c), and is thus accompanied by the \$180 fee required by 37 C.F.R. 1.17(p). In that regard, the Patent Office is hereby authorized to charge the fee to Deposit Account No. 13-2530.

Applicants request the Examiner to consider each of the references listed on FORM(s) PTO-1449 (attached hereto), and to enter the same into the record of this application. Pursuant to 37 C.F.R. §1.98(a) and (d), copies of the U.S. patents and publications listed on FORM(s) PTO-1449 are not provided. Copies of the other references listed on FORM(s) PTO-1449, however, accompany this *IDS*.

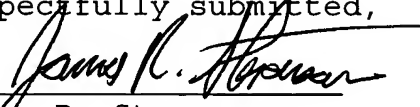
This *IDS* discloses information that may be considered relevant to the aforementioned application for patent. Because such information may be deemed relevant to the patentability of the application, the documents listed above are now made of record to assist the Patent Office in its examination. The Examiner is requested under 37 C.F.R. §1.97(b) to consider these documents fully and to independently ascertain their relevance to the application.

Certain of the references cited herein or in the accompanying FORM(S) PTO-1449 may prove not to be prior art to the application, and therefore Applicants reserve the right to assert that one or more of such references is/are not prior art to this application. In that case, Applicants believe that they would be able to successfully swear behind many, if not all, of such references based on prior conception and/or reduction to practice.

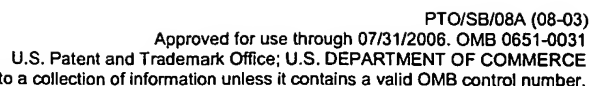
Applicants respectfully ask the Examiner to initial the attached PTO-1449 form(s) in the places indicated and to return a copy of such initialed form(s) to the undersigned as evidence that the cited documents were considered during examination of the pending application.

If the Examiner has any questions regarding this IDS, he/she is invited to call the undersigned at the phone number listed below.

Respectfully submitted,

  
James R. Stevenson  
Attorney for Applicants  
Registration No. 38,755

MEDRAD, Inc.  
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Substitute for form 1449/PTO

*(Use as many sheets as necessary)*

Sheet	1	of	3
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**Complete if Known**

Application Number	10/723,428
Filing Date	11/27/2003
First Named Inventor	MONSKI, et al.
Art Unit	2859
Examiner Name	FETZNER, Tiffany A.
Attorney Docket Number	MR/02-003

## U. S. PATENT DOCUMENTS

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA	US- 4634980	Jan., 1987	Misic et al.	
	AB	US- 4684895	Aug., 1987	Misic	
	AC	US- 4692705	Sep., 1987	Hayes	
	AD	US- 4731584	Mar., 1988	Misic et al.	
	AE	US- 4740751	Apr., 1988	Misic et al.	
	AF	US- 4764726	Aug., 1988	Misic et al.	
	AG	US- 4793356	Dec., 1988	Misic et al.	
	AH	US- 4797617	Jan., 1989	Misic et al.	
	AI	US- 4825162	Apr., 1989	Roemer et al.	
	AJ	US- 4839594	Jun., 1989	Misic et al.	
	AK	US- 4841248	Jun., 1989	Mehdizadeh	
	AL	US- 4879516	Nov., 1989	Mehdizadeh et al.	
	AM	US- 4881034	Nov., 1989	Kaufman et al.	
	AN	US- 4920318	Apr., 1990	Misic et al.	
	AO	US- 4975644	Dec., 1990	Fox	
	AP	US- 5136244	Aug., 1992	Jones et al.	
	AQ	US- 5196796	Mar., 1993	Misic et al.	
	AR	US- 5209233	May, 1993	Holland et al.	
	AS	US- 5256971	Oct., 1993	Boskamp	

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet **2**of **3****Complete if Known**

Application Number	10/723,428
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Art Unit	2859
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		Number-Kind Code <sup>2</sup> (if known)			
	AT	US- 5258717	Nov., 1993	Misic et al.	
	AU	US- 5315251	May, 1994	Derby	
	AV	US- 5517120	May, 1996	Misic et al.	
	AW	US- 5521506	May, 1996	Misic et al.	
	AX	US- 5602479	Feb., 1997	Srinivasan et al.	
	AY	US- 5610520	Mar., 1997	Misic et al.	
	AZ	US- 5998999	Dec., 1999	Richard et al.	
	BA	US- 6040697	Mar., 2000	Misic	
	BB	US- 6051974	Apr., 2000	Reisker et al.	
	BC	US- 6060883	May, 2000	Knuttel	
	BD	US- 6100691	Aug., 2000	Yeung	
	BE	US- 6177797	Jan., 2001	Srinivasan	
	BF	US- 6223065	Apr., 2001	Misic et al.	
	BG	US- 6344745	Feb. 2002	Reisker et al.	
	BH	US- 6356081	Mar., 2002	Misic	
	BI	US- 6396273	May, 2002	Misic	
		US-			
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

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SignatureDate  
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Art Unit	2859
Examiner Name	FETZNER, Tiffany A.
Attorney Docket Number	MR/02-003

Sheet 3

of

3

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	BJ	Lin, et al., Magnetic Resonance in Medicine, "A Novel Multi-Segment Surface Coil for Neuro-Functional Magnetic Resonance Imaging," Vol. 39, pp. 164-168 (1998).	
	BK	Meyer et al., Journal of Magnetic Resonance, Series B, "A 3x3 Mesh Two-Dimensional Ladder Network Resonator of MRI of the Human Head," Vol. 107, p. 19-24 (1995).	
	BL	Roemer et al., Magnetic Resonance in Medicine, "The NMR Phased Array," Vol. 16, pp. 192-225 (1990).	
	BM	Adriany, G. et al., "A Transmit/Receive Quadrature Birdcage Array Coil for 4 Tesla," Proceedings of the ISMRM, 5th Scientific Meeting and Exh., v. 1, p. 177 (Apr 12-18, 1997)	
	BN	Adriany G. et al., "A Transmit/Receive Quadrature Birdcage Array for 4 Tesla," Presentation to the ISMRM, 5th Scientific Meeting and Exhibition., Vancouver (Apr 12-18, 1997)	
	BO	Brochure: "High Resolution Head Coil for GE MRI Systems," MRI Devices Corporation, Rev. 2, Jan. 2002.	
	BP	Brochure: "Neurovascular High Resolution Head Coil 1.5 T & 3.0T," MRI Devices Corporation, Undated.	

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